



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management

Solid Waste Section

UNIT TYPE:

Lined MSWLF		LCID		YW		Transfer		Compost	X	SLAS		COUNTY: Forsyth PERMIT NO.: SWC-34-09 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: July 31, 2013

Date of Last Inspection: June 6, 2012

FACILITY NAME AND ADDRESS:

Overdale Large, Type 1 Solid Waste Compost Facility
4010 Old Milwaukee Lane
Winston-Salem, North Carolina 27107

GPS COORDINATES: **N:** 36.03884 **W:** 80.22554

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: Jan McHargue, Solid Waste Administrator
Telephone: (336) 747-7310
Email address: janm@cityofws.org
Fax: (336) 727-8432

FACILITY CONTACT ADDRESS:

City/County Utilities
Jan McHargue, Solid Waste Administration
Post Office Box 2511
Winston-Salem, North Carolina 27102

PARTICIPANTS:

John Beasley, WRICO Equipment Corporation
Charles Gerstell, NCDENR-Solid Waste Section

STATUS OF PERMIT:

A Permit to Operate a Large, Type 1 Solid Waste Compost Facility was issued to the City of Winston-Salem on October 6, 2010. This permit shall expire on October 6, 2015.

PURPOSE OF SITE VISIT:

Comprehensive Audit

STATUS OF PAST NOTED VIOLATIONS:

N/A

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OBSERVED VIOLATIONS

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

ADDITIONAL COMMENTS

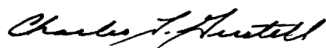
1. This facility is a Large, Type 1 Solid Waste Facility. Compost is produced from brush leaves, limbs, and grass clippings. Mulch and boiler fuel is produced from land clearing debris, untreated and unpainted wood, engineered wood products, and pallets.
2. Temperature records were reviewed for June 2012 to July 2013. Records showed that temperatures were recorded at or above 131°F. Please ensure that temperature records show that temperatures were recorded at 131°F for three consecutive days.
 - Although it appears that the required temperatures have been met, it is recommended that a drawing be provided with future temperature logs to detail where temperatures are taken within the windrow. As it has been explained in the past, facility personnel add material at one end of the windrow and take compost from the other. A drawing would aid to clarify where temperatures have been met and where newer material starts.
 - Temperature logs should detail efforts that are made to ensure that the height of the windrow is being taken into account to ensure that the entire windrow has met the required temperatures. If regular turning of the windrow is performed, temperature logs should note when turning has occurred.
3. Tonnage records were reviewed from June 2012 through July 2013. Records showed that 24,085.14 tons of material was received during this time period.
4. Signs placed at the entrance to the facility were correct.
5. A gate is located at the entrance to the facility to prevent unauthorized access.
6. A scale house attendant was on duty during the inspection.
7. A large stockpile of double-ground mulch was located on site at the time of inspection. This material was placed along the south side of the primary receiving area for trees and brush.
8. Majority of the lower portion of the site was covered with double ground mulch designated for boiler fuel. Mr. Beasley stated that a new hauler had recently been obtained to start hauling material off of the site.
9. A stockpile of finished compost material was on site at the time of inspection. The stockpile was located at the southwest corner of the site near the fuel drum.
10. A large windrow of active compost was on site at the time of inspection. Majority of the windrow appeared to be within the required dimensions of 15' tall x 30' wide as detailed in the approved permit. However, the height of the windrow appeared to be getting close to exceeding 15' on the east side. Please ensure that the windrow is maintained to the required dimensions.
11. As outlined in the approved Operations Plan, engineered wood products such as plywood and particleboard are to be processed separately along with pallets and woody waste (tree trunks and large tree limbs) to be distributed to area businesses as boiler fuel. Be sure all engineered wood products are stockpiled separately to ensure that none of this material is included within mulch product designated for public use.

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12. Unacceptable waste streams were observed mixed with un-ground wood waste at the northwest corner of the site adjacent to the main entrance. Unacceptable wastes consisted of plastic bottles, a hard hat, plastic Halloween bucket, newspaper, chain, painted pallets painted wood, and black, plastic trash bags of unknown contents. It appeared that the un-ground waste had been placed within the area designated for reject material. All unacceptable waste streams must be removed and taken to a properly permitted facility.
- Take steps to ensure that the area designated for reject materials is kept separate from receiving areas for waste materials.
 - All un-ground material should be moved to the designated receiving area for waste materials shown on the site plan to ensure that the required 50-foot buffer is maintained from the compost area and property boundaries.
13. No significant odors were observed at the time of inspection.
14. No dust was observed. Site conditions were very wet due to recent heavy rains.
15. An adequate fire lane must be maintained on the north side of the mulch stockpile adjacent to the receiving area for land clearing waste.
16. An adequate fire lane was provided around the perimeter of the compost windrow.
17. The facility appeared to be in compliance with all required buffers.

Please contact me if you have any questions or concerns regarding this inspection report.



Charles T. Gerstell
Environmental Senior Specialist
Regional Representative

Phone: (704) 235-2144.

Sent on: <u>8/9/13</u>	<input checked="" type="checkbox"/>	Email		Hand delivery		US Mail		Certified No. <u> </u>
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Copies: Jason Watkins, Western District Supervisor
Sarah M. Rice, Compliance Officer
Ed Gibson, Solid Waste Engineer – City/County Utilities